

Title (en)  
A DOUBLE WING GATE AND A METHOD FOR CONSTRUCTING THE SAME

Title (de)  
DOPPELFLÜGELTOR UND VERFAHREN ZUR KONSTRUKTION DAVON

Title (fr)  
PORTAIL À DOUBLE BATTANT ET SON PROCÉDÉ DE CONSTRUCTION

Publication  
**EP 4159962 A1 20230405 (EN)**

Application  
**EP 22199283 A 20220930**

Priority  
EP 21200493 A 20211001

Abstract (en)  
A double wing gate comprising: a lock gate wing and a striker gate wing which are identical to one another. Each gate wing comprises an elongated opening (20) through which a lock (14) can be inserted. The elongated opening is covered either by a faceplate (15) of the lock or by a striker assembly (24, 25). Each gate wing further comprises sets of mutually opposing openings (21, 22) through which the lock handle assembly extends through which the lock key cylinder extends. These sets of openings are covered either by the lock handle assembly (17, 19) or the lock key cylinder (10) or by additional coverings (16, 27, 28). By using identical gate wings, the manufacturing process is simplified and the stock of parts is reduced, while the various covering elements avoid uncovered openings.

IPC 8 full level  
**E05B 65/00** (2006.01); **E05B 9/08** (2006.01); **E05B 15/02** (2006.01); **E05B 65/02** (2006.01); **E05C 7/04** (2006.01)

CPC (source: EP)  
**E05B 9/08** (2013.01); **E05B 15/0205** (2013.01); **E05B 65/0007** (2013.01); **E05B 65/02** (2013.01); **E05C 7/04** (2013.01)

Citation (applicant)  
• EP 3153645 A1 20170412 - LOCINOX [BE]  
• EP 3239440 A1 20171101 - LOCINOX [BE]

Citation (search report)  
• [A] US 6684669 B1 20040203 - TALPE JOSEPH [BE]  
• [AD] EP 3153645 A1 20170412 - LOCINOX [BE]  
• [A] DE 29816593 U1 19981217 - PROMAT GMBH [DE]  
• [A] EP 2860333 A1 20150415 - ROTO FRANK AG [DE]  
• [A] JP S5527318 U 19800222

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4159962 A1 20230405**

DOCDB simple family (application)  
**EP 22199283 A 20220930**